



# **Federal Trade Commission**

***TAR, NICOTINE, AND CARBON MONOXIDE***

***OF THE SMOKE OF 933 VARIETIES***

***OF DOMESTIC CIGARETTES***

**1994**

PM3001059633

**Report of "Tar," Nicotine, and Carbon Monoxide of the  
Smoke of 933 Varieties of Domestic Cigarettes**

This report contains data on the "tar," nicotine, and carbon monoxide content of 933 varieties of cigarettes manufactured and sold in the United States in 1992. The test results were submitted to the Federal Trade Commission (FTC) by the six largest cigarette manufacturers in the United States. These companies are the following: The American Tobacco Company; Brown & Williamson Tobacco Corporation; Liggett Group, Inc.; Lorillard, Inc.; Philip Morris, Inc.; and R. J. Reynolds Tobacco Company, Inc.

Because of concerns that have been expressed regarding the limitations of the current "tar" and nicotine rating system, the Federal Trade Commission sent a letter to the National Cancer Institute in July 1994 requesting that the Institute convene a conference to review how the "tar" and nicotine ratings are determined. In the letter (Attachment A), the Commission stated that at least some of the rating system's limitations exist because the current testing method does not reflect the fact that people often vary their smoking techniques. The Commission further noted that these limitations, in turn, have led public and private health groups to question the usefulness of these ratings and to suggest that tar and nicotine ratings may mislead consumers about the relative risks of smoking cigarettes that have differing levels of "tar" and nicotine, or of continuing to

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smoke at all. The National Cancer Institute has agreed to convene the suggested conference.

The Tobacco Institute Testing Laboratory (TITL), a private laboratory operated by the cigarette industry, conducted most of the "tar," nicotine, and carbon monoxide tests for these 933 varieties. The increase in the number of cigarettes reported herein over the number contained in the Commission's last "tar" and nicotine report results from a growing number of generic and private label cigarettes. Generic and private label brands were not tested by TITL. Likewise, new or not widely available cigarettes were not tested by TITL. Rather, the information for these brands was supplied to the Commission by the manufacturers, pursuant to compulsory process. Results of such non-TITL testing are indicated by single asterisks. The methodology, processes and procedures that the cigarette companies and TITL employ are the same as those the Commission, in its own testing lab, had followed in the past.<sup>1</sup> Harold Pillsbury, the former director of the FTC laboratory and currently a contractor to the Commission, was given unrestricted access to the TITL laboratory for the

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<sup>1</sup>The Commission determined in early 1987 to close its laboratory. The Commission found that closing the laboratory was necessary for several reasons, chiefly, the cost of the laboratory was significant, and the Commission would have had to commit significant additional funds in order to continue the program. The Commission was also persuaded that the information could be obtained from other sources, and other means were available to verify the accuracy of industry testing results.

purpose of reviewing the testing methodology and protocols used by the TITL and for monitoring the actual testing process. TITL provided the results to the respective cigarette companies. The companies provided the data generated by TITL regarding their own brands to the FTC in response to compulsory process.

The cigarettes were tested using the Cambridge Method. This methodology has been approved by the FTC and used as the standard for cigarette testing since 1966. The testing was subjected to the conditions prescribed by the FTC in Federal Register, Volume 32, Number 147, Page 11178, dated August 1, 1967. With regard to the testing of carbon monoxide content, the conditions are specified in Federal Register, Volume 45, Number 134, Page 46483, dated July 10, 1980. The conditions prescribed in the FTC's 1967 announcement are the following:

1. Smoke cigarettes to a 23mm. butt length, or to the length of the filter and overwrap plus 3mm. if in excess of 23mm.;
2. Base results on a test of 100 cigarettes per brand, or type;
3. Cigarettes to be tested will be selected on a random basis, as opposed to "weight selection;"
4. Determine particulate matter on a "dry" basis employing the gas chromatography method published by C.H. Sloan and B.J. Sublett in Tobacco Science 9, page 70, 1965, as modified by F.J. Schultz' and A.W. Spears' report published in Tobacco Vol. 162, No. 24, page 32, dated June 17, 1966, to determine the moisture content;
5. Determine and report the "tar" content after subtracting moisture and alkaloids (as nicotine) from particulate matter;
6. Report "tar" content to the nearest whole milligram and nicotine content to the nearest 1/10 milligram, (32 Fed. Reg. 11178 (1967)).

The 1980 FTC announcement contained specifications regarding a new testing methodology to be used in determining the carbon monoxide (CO) and nicotine content of cigarettes. These specifications are the following:

1. Determine CO concentration using a 20-port sequential smoking machine described by H.C. Pillsbury and G. Merfeld at the 32nd Tobacco Chemists Research Conference, October 1978;
2. The concentration of CO will be reported as milligrams per cigarette;
3. The present method for "tar" and nicotine determination will be modified to use the method described in an article entitled "Gas Chromatographic Determination of Nicotine Contained on Cambridge Filter Pads," by John R. Wagner et al., as presented at the annual meeting of the Association of Official Analytical Chemists, October 1978. (45 Fed. Reg. 46483 (1980)).

TITL reported, and the FTC's contractor confirmed, that the tested cigarette samples were obtained by an independent company under contract to TITL. Under its contract with TITL, this company was to purchase two packages of every variety of cigarettes manufactured and distributed in 50 geographical locations throughout the United States. If not all varieties

were available in every location, one or more packages of cigarettes were purchased in the areas where the respective varieties were available. This procedure of selecting cigarettes for testing replicates the one used by the FTC. Cigarettes utilized in the test represented the varieties of cigarettes sold in the U.S. at the time of the purchase (1992).

The "tar" and carbon monoxide figures are rounded to the nearest milligram (mg.). Those figures with 0.5 mg. or greater are rounded up, while those with 0.4 mg. or less are rounded down. The nicotine figures are rounded to the nearest tenth of a milligram. Those with 0.05 mg. or greater are rounded up; those with 0.04 mg. or less are rounded down.

Cigarette brands with assay results of "tar" and carbon monoxide below 0.5 mg. per cigarette variety and of nicotine below 0.05 mg. are recorded in the table as <0.5, and <0.05 respectively. The currently approved testing methodology is not sufficiently sensitive to report these components at lower levels.

The following varieties are the fourteen lowest in "tar" content as tested by TITL.

1.	Carlton	KFHP ULTRA-LT.....	<0.5
2.	Now	100FHP.....	<0.5
3.	Now	KFHP.....	<0.5
4.	Cambridge	KFSP Low.....	1
5.	Bristol	KFHS Low.....	1
6.	Now	KFSP.....	1
7.	Now	KFMHP.....	1
8.	Carlton	100FHMP LT.....	1
9.	Carlton	KFHP ULTRA-LT 83.....	1
10.	Carlton	KFSPM ULTRA-LT.....	1
11.	Carlton	100FHP ULTRA-LT.....	1
12.	Carlton	KFSP ULTRA-LT.....	1
13.	Merit*	KFSP ULTRA-MILD.....	1
14.	Merit*	KF <sup>H</sup> SP ULTRA-MILD.....	1

NOTE: K - King Size, F - Filter, M - Menthol, HP - Hardpack,  
SP - Softpack, LT - Light.

\* indicates brands that were tested by the manufacturer rather than by TITL.



In increasing order, those ranking the nine highest in "tar" content are the following:

1. Raleigh Extra	KNFSP.....	25
2. English Oval	KNFHP.....	25
3. GPC Approved	RNFSP Plain.....	25
4. Herbert Tareyton	KNFSP.....	26
5. Lucky Strike	RNFSP.....	26
6. Pall Mall	KNFSP.....	26
7. Philip Morris	KNFSP.....	27
8. Old Gold	KNFSP.....	27
9. Bristol	KNFSP.....	27

Note: K - King Size, F - Filter, NF - Non-Filter, M - Menthol,  
HP - Hardpack, SP - Softpack, R - 70mm

On April 13, 1983, the Commission announced it had determined that its then testing methodology for "tar," nicotine, and carbon monoxide understated the measured deliveries for Brown & Williamson's Barclay cigarettes. Therefore, Barclay cigarettes would be deleted from the Commission's reports for "tar," nicotine, and carbon monoxide until a new, accurate methodology could be tested and adopted. The Commission has found that there is a significant likelihood that the same problem exists with two other Brown & Williamson varieties -- Kool Ultra and Kool Ultra 100's.

On July 25, 1986, the Commission informed Brown & Williamson that as a result of a review of data presented by Brown & Williamson regarding a "tar" and nicotine rating for two varieties of Barclay cigarettes with a new filter, the Commission would authorize, under certain conditions, the following legends for advertising purposes:

1. For Barclay King size:  
3 mg. "tar," .2 mg. nicotine  
avg. per cigarette as authorized by FTC.
2. For Barclay 100's  
5 mg. "tar," .4 mg. nicotine  
avg. per cigarette as authorized by FTC.

Brown & Williamson also agreed to provide the Commission with data regarding "tar" and nicotine ratings to be used in advertising for Kool Ultra and Kool Ultra 100's. Until these data are presented it has been agreed that the ratings for these two varieties will not be included in Commission reports.

The following pages present, in alphabetical order, the "tar," nicotine, and carbon monoxide data collected from the cigarette companies for 933 varieties of cigarettes sold domestically in 1992.

## FEDERAL TRADE COMMISSION TAR, NICOTINE, AND CARBON MONOXIDE REPORT

BRAND-NAME	DESCRIPTION					TAR	NIC	CO
ALL AMERICAN VALUE*	100	F	SP	FF		16	1.1	NT
ALL AMERICAN VALUE*	100	F	SP	LT		11	0.9	NT
ALL AMERICAN VALUE*	100	F	SP	LT	MEN	11	0.9	NT
ALL AMERICAN VALUE*	100	F	SP	ULTRA-LT		6	0.5	NT
ALL AMERICAN VALUE*	KING	F	SP	FF		16	1.2	NT
ALL AMERICAN VALUE*	KING	F	SP	LT		11	0.8	NT
ALL AMERICAN VALUE*	KING	F	SP	LT	MEN	11	0.8	NT
ALL AMERICAN VALUE*	KING	F	SP	ULTRA-LT		6	0.5	NT
ALL AMERICAN VALUE*	KING	NF	SP			24	1.6	NT
ALPINE	100	F	SP		MEN	15	1.0	14
ALPINE	100	F	SP	LT	MEN	9	0.7	11
ALPINE	KING	F	HP		MEN	15	1.0	14
ALPINE	KING	F	HP	LT	MEN	9	0.7	10
ALPINE	KING	F	SP		MEN	15	1.0	15
ALPINE	KING	F	SP	LT	MEN	9	0.7	9
AMERICAN FILTER	100	F	SP	FF		17	1.3	16
AMERICAN FILTER	KING	F	SP	FF		16	1.2	14
AMERICAN LIGHTS	100	F	SP	LT		12	1.0	12
AMERICAN LIGHTS	100	F	SP	LT	MEN	11	1.0	11
AMERICAN LIGHTS	KING	F	SP	LT		11	0.9	11
AUSTIN*	100	F	SP	FF	GENERIC	15	1.2	15
AUSTIN*	100	F	SP	LT	GENERIC	9	0.8	10
AUSTIN*	100	F	SP	LT	MEN	9	0.8	10
AUSTIN*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
AUSTIN*	KING	F	SP	FF	GENERIC	14	1.2	15
AUSTIN*	KING	F	SP	LT	GENERIC	9	0.8	10
AUSTIN*	KING	F	SP	LT	MEN	9	0.8	10
AUSTIN*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
BARGAIN BUY*	100	F	SP	FF	GENERIC	15	1.2	15
BARGAIN BUY*	100	F	SP	FF	MEN	15	1.2	15
BARGAIN BUY*	100	F	SP	LT	GENERIC	9	0.8	10
BARGAIN BUY*	100	F	SP	LT	MEN	9	0.8	10
BARGAIN BUY*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
BARGAIN BUY*	KING	F	SP	FF	GENERIC	14	1.2	15
BARGAIN BUY*	KING	F	SP	FF	MEN	14	1.2	15
BARGAIN BUY*	KING	F	SP	LT	GENERIC	9	0.8	10
BARGAIN BUY*	KING	F	SP	LT	MEN	9	0.8	10
BARGAIN BUY*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
BARGAIN BUY*	KING	NF	SP		GENERIC	21	1.8	23
BARGAIN KING*	100	F	SP	FF	GENERIC	15	1.2	15
BARGAIN KING*	100	F	SP	FF	MEN	15	1.2	15
BARGAIN KING*	100	F	SP	LT	GENERIC	9	0.8	10
BARGAIN KING*	100	F	SP	LT	MEN	9	0.8	10
BARGAIN KING*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
BARGAIN KING*	KING	F	SP	FF	GENERIC	14	1.2	15
BARGAIN KING*	KING	F	SP	FF	MEN	14	1.2	15

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BRAND-NAME	DESCRIPTION					TAR	NIC	CO
BARGAIN KING*	KING	F	SP	LT	GENERIC	9	0.8	10
BARGAIN KING*	KING	F	SP	LT	GENERIC	9	0.8	10
BARGAIN KING*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
BARGAIN KING*	KING	NF	SP		GENERIC	21	1.8	23
BASIC*	100	F	SP	FF		16	1.1	NT
BASIC*	100	F	SP	LT		11	0.9	NT
BASIC*	100	F	SP	LT	MEN	11	0.9	NT
BASIC*	100	F	SP	ULTRA-LT		6	0.5	NT
BASIC*	KING	F	SP	FF		16	1.2	NT
BASIC*	KING	F	SP	LT		11	0.8	NT
BASIC*	KING	F	SP	LT	MEN	11	0.8	NT
BASIC*	KING	F	SP	ULTRA-LT		6	0.5	NT
BASIC*	KING	NF	SP			24	1.6	NT
BELAIR	100	F	SP		MEN	8	0.6	9
BELAIR	100	F	SP		MEN	14	1.2	13
BELAIR	100	F	SP	LT	MEN	9	0.8	10
BELAIR	KING	F	SP		MEN	10	0.7	9
BELAIR	KING	F	SP		MEN	14	1.1	13
BELAIR	KING	F	SP	LT	MEN	9	0.8	9
BENSON AND HEDGES	100	F	HP	FF		16	1.1	14
BENSON AND HEDGES	100	F	HP	FF	MEN	15	1.1	14
BENSON AND HEDGES	100	F	HP	LT		11	0.8	11
BENSON AND HEDGES	100	F	HP	LT	MEN	10	0.8	11
BENSON AND HEDGES	100	F	HP	ULTRA-LT	DLX	5	0.4	6
BENSON AND HEDGES	100	F	HP	ULTRA-LT	DLX	6	0.4	7
BENSON AND HEDGES	100	F	SP	FF		15	1.1	13
BENSON AND HEDGES	100	F	SP	FF	MEN	15	1.1	14
BENSON AND HEDGES	100	F	SP	LT		10	0.8	11
BENSON AND HEDGES	100	F	SP	LT	MEN	10	0.8	11
BENSON AND HEDGES	KING	F	HP			14	1.0	12
BENSON AND HEDGES	KING	F	SP		M-FILTER	11	0.8	10
BENSON AND HEDGES DE-NIC	100	F	HP	LT		7	0.1	7
BENSON AND HEDGES DE-NIC	100	F	HP	LT	MEN	8	0.1	7
BENSON AND HEDGES DE-NIC	KING	F	HP	LT		8	0.1	8
BENSON AND HEDGES DE-NIC	KING	F	HP	LT	MEN	8	0.1	8
BENSON AND HEDGES*	KING	F	HP		SPECIAL	16	1.1	15
BENSON AND HEDGES*	KING	F	HP		MEN	16	1.0	14
BENSON AND HEDGES*	KING	F	HP	LT	SPECIAL	12	0.9	12
BENSON AND HEDGES*	KING	F	HP	LT	MEN	13	0.9	12
BEST BUY*	100	F	SP	FF		16	1.1	NT
BEST BUY*	100	F	SP	FF	MEN	16	1.1	NT
BEST BUY*	100	F	SP	LT		11	0.9	NT
BEST BUY*	100	F	SP	LT	MEN	11	0.9	NT
BEST BUY*	100	F	SP	ULTRA-LT		6	0.5	NT
BEST BUY*	KING	F	SP	FF		16	1.2	NT
BEST BUY*	KING	F	SP	FF	MEN	16	1.1	NT
BEST BUY*	KING	F	SP	LT		11	0.8	NT

BRAND-NAME		D E S C R I P T I O N					TAR	NIC	CO
BEST BUY*		KING	F	SP	LT	MEN	11	0.8	NT
BEST BUY*		KING	F	SP	ULTRA-LT		6	0.5	NT
BEST BUY*		KING	NF	SP			24	1.6	NT
BEST CHOICE*		100	F	SP	FF	GENERIC	15	1.2	15
BEST CHOICE*		100	F	SP	FF	MEN	15	1.2	15
BEST CHOICE*		100	F	SP	LT	GENERIC	9	0.8	10
BEST CHOICE*		100	F	SP	LT	MEN	9	0.8	10
BEST CHOICE*		100	F	SP	ULTRA-LT		5	0.5	6
BEST CHOICE*		KING	F	HP	FF	GENERIC	14	1.2	15
BEST CHOICE*		KING	F	HP	LT	GENERIC	9	0.8	10
BEST CHOICE*		KING	F	SP	FF	GENERIC	14	1.2	15
BEST CHOICE*		KING	F	SP	FF	MEN	14	1.2	15
BEST CHOICE*		KING	F	SP	LT	GENERIC	9	0.8	10
BEST CHOICE*		KING	F	SP	LT	MEN	9	0.8	10
BEST CHOICE*		KING	F	SP	ULTRA-LT		5	0.5	6
BEST CHOICE*		KING	NF	SP			21	1.8	23
BEST VALUE*		100	F	SP	FF	GENERIC	15	1.2	15
BEST VALUE*		100	F	SP	FF	MEN	15	1.2	15
BEST VALUE*		100	F	SP	LT	GENERIC	9	0.8	10
BEST VALUE*		100	F	SP	LT	MEN	9	0.8	10
BEST VALUE*		100	F	SP	ULTRA-LT		5	0.5	6
BEST VALUE*		KING	F	SP	FF	GENERIC	14	1.2	15
BEST VALUE*		KING	F	SP	FF	MEN	14	1.2	15
BEST VALUE*		KING	F	SP	LT	GENERIC	9	0.8	10
BEST VALUE*		KING	F	SP	LT	MEN	9	0.8	10
BEST VALUE*		KING	F	SP	ULTRA-LT		5	0.5	6
BEST VALUE*		KING	NF	SP			21	1.8	23
BIG MONEY*		100	F	SP	LT	MEN	11	0.9	NT
BRISTOL		100	F	SP			15	1.1	16
BRISTOL		100	F	SP	LOW		2	0.2	3
BRISTOL		100	F	SP	LT		10	0.8	12
BRISTOL		100	F	SP	LT	MEN	10	0.8	12
BRISTOL		100	F	SP	ULTRA-LT		5	0.5	8
BRISTOL		KING	F	SP			15	1.1	15
BRISTOL		KING	F	SP	LOW		1	0.1	1
BRISTOL		KING	F	SP	LT		10	0.8	11
BRISTOL		KING	F	SP	LT	MEN	10	0.8	11
BRISTOL		KING	NF	SP			27	1.6	16
BRONSON*		100	F	SP	FF		16	1.1	NT
BRONSON*		100	F	SP	FF	MEN	16	1.1	NT
BRONSON*		100	F	SP	LT		11	0.9	NT
BRONSON*		100	F	SP	LT	MEN	11	0.9	NT
BRONSON*		100	F	SP	ULTRA-LT		6	0.5	NT
BRONSON*		KING	F	SP	FF		16	1.2	NT
BRONSON*		KING	F	SP	FF	MEN	16	1.1	NT
BRONSON*		KING	F	SP	LT		11	0.8	NT
BRONSON*		KING	F	SP	LT	MEN	11	0.8	NT

BRAND-NAME	DESCRIPTION				TAR	NIC	CO
BRONSON*	KING	F	SP	ULTRA-LT	6	0.5	NT
BRONSON*	KING	NF	SP		24	1.6	NT
BUCKS	KING	F	SP		14	1.0	13
BUCKS	KING	F	SP	LT	11	0.8	12
BULL DURHAM	KING	F	HP	FF	14	1.0	14
BULL DURHAM	KING	F	HP	LT	10	0.8	10
CAMBRIDGE	100	F	SP	FF	16	1.1	17
CAMBRIDGE	100	F	SP	LOW	2	0.2	3
CAMBRIDGE	100	F	SP	LT	11	0.8	13
CAMERIDGE	100	F	SP	LT	11	0.8	12
CAMERIDGE	100	F	SP	ULTRA-LT	6	0.5	8
CAMERIDGE	KING	F	SP	FF	16	1.1	15
CAMERIDGE	KING	F	SP	LOW	1	0.1	1
CAMBRIDGE	KING	F	SP	LT	11	0.8	12
CAMBRIDGE	KING	F	SP	LT	11	0.8	12
CAMEL	100	F	HP		16	1.1	15
CAMEL	100	F	HP	LT	9	0.7	11
CAMEL	100	F	HP	ULTRA-LT	6	0.5	8
CAMEL	100	F	SP		17	1.1	15
CAMEL	KING	F	HP		17	1.2	16
CAMEL	KING	F	HP	LT	9	0.7	11
CAMEL	KING	F	HP	ULTRA-LT	5	0.5	7
CAMEL	KING	F	SP		14	1.0	13
CAMEL	KING	F	SP	LT	11	0.8	12
CAMEL	KING	F	SP	ULTRA-LT	5	0.5	7
CAMEL	REG	NF	SP		21	1.4	13
CAMEL	100	F	SP	LT	10	0.7	11
CAMEL*	KING	F	HP		12	0.9	15
CAMEL*	KING	F	HP	LT	12	0.9	15
CANADIAN PLAYERS*	KING	F	HP	RXT	11	1.2	12
CANADIAN PLAYERS*	KING	F	HP	LT	14	1.3	15
CANADIAN PLAYERS*	KING	F	HP	LT	14	1.4	15
CANADIAN PLAYERS*	REG	F	HP		16	1.3	16
CANADIAN PLAYERS*	REG	F	HP	EXT	11	1.1	10
CANADIAN PLAYERS*	REG	F	HP	LT	13	1.1	12
CANADIAN PLAYERS*	REG	F	HP	LT	13	1.2	13
CANADIAN PLAYERS*	REG	F	HP	MED	14	1.2	15
CAPRI	100	F	HP		9	0.7	6
CAPRI	100	F	HP		9	0.7	6
CAPRI	120	F	HP		14	1.0	9
CAPRI	120	F	HP		12	0.9	7
CARDINAL*	100	F	SP		15	1.2	15
CARDINAL*	100	F	SP	FF	15	1.2	15
CARDINAL*	100	F	SP	LT	9	0.8	10
CARDINAL*	100	F	SP	LT	9	0.8	10
CARDINAL*	100	F	SP	ULTRA-LT	5	0.5	6
CARDINAL*	KING	F	HP	FF	14	1.2	15

BRAND-NAME	DESCRIPTION				TAR	NIC	CO
CARDINAL*	KING F	HP	LT	GENERIC	9	0.8	10
CARDINAL*	KING F	SP	FF	GENERIC	14	1.2	15
CARDINAL*	KING F	SP	FF	MEN	14	1.2	15
CARDINAL*	KING F	SP	LT	GENERIC	9	0.8	10
CARDINAL*	KING F	SP	LT	MEN	9	0.8	10
CARDINAL*	KING F	SP	ULTRA-LT	GENERIC	5	0.5	6
CARDINAL*	KING NF	SP		GENERIC	21	1.8	23
CARLTON	100 F	HP	LT	MEN	1	0.1	1
CARLTON	100 F	HP	ULTRA-LT		1	0.1	1
CARLTON	100 F	SP	LT		2	0.2	3
CARLTON	100 F	SP	LT	MEN	2	0.2	3
CARLTON	120 F	SP	LT		5	0.5	4
CARLTON	120 F	SP	LT	MEN	5	0.5	4
CARLTON	83 F	HP	ULTRA-LT		1	0.1	2
CARLTON	KING F	HP	ULTRA-LT		<0.5	<0.05	<0.5
CARLTON	KING F	SP	ULTRA-LT		1	0.1	2
CARLTON	KING F	SP	ULTRA-LT	MEN	1	0.1	2
CARTIER VENDOME	100 F	HP			9	0.7	7
CARTIER VENDOME	100 F	HP	10-PK		8	0.7	7
CARTIER VENDOME	100 F	HP		MEN	8	0.7	7
CARTIER VENDOME	100 F	HP	10-PK	MEN	8	0.7	7
CAVALIER*	100 F	SP	FF	GENERIC	15	1.2	15
CAVALIER*	100 F	SP	FF	MEN	15	1.2	15
CAVALIER*	100 F	SP	LT	10-PK	9	0.8	10
CAVALIER*	100 F	SP	LT	MEN	9	0.8	10
CAVALIER*	100 F	SP	ULTRA-LT		5	0.5	6
CAVALIER*	KING F	SP	FF	GENERIC	14	1.2	15
CAVALIER*	KING F	SP	FF	MEN	14	1.2	15
CAVALIER*	KING F	SP	LT		9	0.8	10
CAVALIER*	KING F	SP	LT	MEN	9	0.8	10
CAVALIER*	KING F	SP	ULTRA-LT		5	0.5	6
CAVALIER*	KING NF	SP		GENERIC	21	1.8	23
CENTURY	100 F	SP	25-PK		15	1.1	17
CENTURY	100 F	SP	LT	25-PK	11	0.9	11
CENTURY	100 F	SP	LT	MEN	11	0.9	11
CENTURY	KING F	SP	25-PK		15	1.0	16
CENTURY	KING F	SP	LT	25-PK	8	0.7	9
CHESTERFIELD	KING NF	SP			22	1.4	14
CHESTERFIELD	REG NF	SP			19	1.1	10
CHESTERFIELD*	100 F	SP			12	1.0	9
CHESTERFIELD*	100 F	SP	LT		12	1.0	9
CHESTERFIELD*	KING F	SP	FF		16	2.0	11
CHESTERFIELD*	KING F	SP	LT		11	1.0	9
CITATION*	100 F	SP	FF	GENERIC	15	1.2	15
CITATION*	100 F	SP	FF	MEN	15	1.2	15
CITATION*	100 F	SP	LT	GENERIC	9	0.8	10
CITATION*	100 F	SP	LT	MEN	9	0.8	10



BRAND-NAME	DESCRIPTION					TAR	NIC	CO
CITATION*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
CITATION*	KING	F	SP	FF	GENERIC	14	1.2	15
CITATION*	KING	F	SP	FF	GENERIC	14	1.2	15
CITATION*	KING	F	SP	LT	GENERIC	9	0.8	10
CITATION*	KING	F	SP	LT	GENERIC	9	0.8	10
CITATION*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
CITATION*	KING	NF	SP		GENERIC	21	1.8	23
CLASS A DELUXE*	100	F	SP	FF	DLX	17	1.0	14
CLASS A DELUXE*	100	F	SP	LT	DLX	12	1.0	11
CLASS A DELUXE*	100	F	SP	ULTRA-LT	DLX	6	1.0	5
CLASS A DELUXE*	KING	F	SP	FF	DLX	16	1.0	13
CLASS A DELUXE*	KING	F	SP	LT	DLX	11	1.0	11
CLASS A DELUXE*	KING	F	SP	LT	DLX	11	1.0	11
CLASS A*	100	F	SP	FF		17	1.0	14
CLASS A*	100	F	SP	FF		17	1.0	14
CLASS A*	100	F	SP	LT		12	1.0	11
CLASS A*	100	F	SP	ULTRA-LT		6	1.0	5
CLASS A*	100	F	SP	ULTRA-LT	MEN	6	1.0	5
CLASS A*	KING	F	SP	FF		16	1.0	13
CLASS A*	KING	F	SP	FF	MEN	16	1.0	13
CLASS A*	KING	F	SP	LT		11	1.0	11
CLASS A*	KING	F	SP	LT	MEN	11	1.0	11
CLASS A*	KING	F	SP	ULTRA-LT		6	1.0	5
CLASS A*	KING	F	SP	ULTRA-LT	MEN	6	1.0	5
CLASS A*	KING	NF	SP			23	2.0	12
CLASS A*	REG	NF	SP			19	1.0	10
COST CUTTER*	100	F	SP	FF	GENERIC	15	1.2	15
COST CUTTER*	100	F	SP	LT	GENERIC	9	0.8	10
COST CUTTER*	100	F	SP	LT	GENERIC	9	0.8	10
COST CUTTER*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
COST CUTTER*	KING	F	SP	FF	GENERIC	14	1.2	15
COST CUTTER*	KING	F	SP	LT	GENERIC	9	0.8	10
COST CUTTER*	KING	F	SP	LT	GENERIC	9	0.8	10
CROWN'S OF LONDON*	100	F	HP	FF		18	1.4	20
CROWN'S OF LONDON*	100	F	HP	LT		13	1.1	13
DAKOTA	KING	F	HP	FF		17	1.2	14
DAKOTA	KING	F	HP	LT		12	0.9	12
DIRECTORS CHOICE*	100	F	SP	FF	GENERIC	15	1.2	15
DIRECTORS CHOICE*	100	F	SP	FF	GENERIC	15	1.2	15
DIRECTORS CHOICE*	100	F	SP	LT	GENERIC	9	0.8	10
DIRECTORS CHOICE*	100	F	SP	LT	GENERIC	9	0.8	10
DIRECTORS CHOICE*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
DIRECTORS CHOICE*	KING	F	HP	FF	GENERIC	14	1.2	15
DIRECTORS CHOICE*	KING	F	HP	LT	GENERIC	9	0.8	10
DIRECTORS CHOICE*	KING	F	SP	FF	GENERIC	14	1.2	15
DIRECTORS CHOICE*	KING	F	SP	FF	GENERIC	14	1.2	15
DIRECTORS CHOICE*	KING	F	SP	LT	GENERIC	9	0.8	10

BRAND-NAME	DESCRIPTION					TAR	NIC	CO	
DIRECTORS CHOICE*	KING	F	SP	LT	MEN	GENERIC	9	0.8	10
DIRECTORS CHOICE*	KING	F	SP	ULTRA-LT		GENERIC	5	0.5	6
DIRECTORS CHOICE*	KING	NF	SP			GENERIC	21	1.8	23
DORAL	100	F	SP	FF			15	1.1	16
DORAL	100	F	SP	FF	MEN		15	1.1	16
DORAL	100	F	SP	LT			11	0.9	11
DORAL	100	F	SP	LT	MEN		10	0.8	13
DORAL	100	F	SP	ULTRA-LT			5	0.5	7
DORAL	KING	F	SP	FF			15	1.1	14
DORAL	KING	F	SP	FF	MEN		15	1.1	14
DORAL	KING	F	SP	LT			10	0.8	10
DORAL	KING	F	SP	LT	MEN		9	0.8	10
DORAL	KING	F	SP	ULTRA-LT			5	0.5	6
DORAL*	KING	NF	SP				21	1.8	23
ENGLISH OVAL	KING	NF	HP				25	1.9	15
EVE	100	F	HP	ULTRA-LT		SLIM	5	0.5	4
EVE	100	F	HP	ULTRA-LT	MEN	SLIM	6	0.5	4
EVE	120	F	HP				12	1.0	11
EVE	120	F	HP		MEN		12	1.0	11
EVE	120	F	HP	ULTRA-LT			6	0.5	4
EVE	120	F	HP	ULTRA-LT	MEN		6	0.5	4
EVE*	100	F	HP	LT			8	1.0	6
EVE*	100	F	HP	LT	MEN		8	1.0	6
EXTRA VALUE*	100	F	SP	FF		GENERIC	15	1.2	15
EXTRA VALUE*	100	F	SP	FF	MEN	GENERIC	15	1.2	15
EXTRA VALUE*	100	F	SP	LT		GENERIC	9	0.8	10
EXTRA VALUE*	100	F	SP	LT	MEN	GENERIC	9	0.8	10
EXTRA VALUE*	100	F	SP	ULTRA-LT		GENERIC	5	0.5	6
EXTRA VALUE*	KING	F	SP			GENERIC	14	1.2	15
EXTRA VALUE*	KING	F	SP	FF	MEN	GENERIC	14	1.2	15
EXTRA VALUE*	KING	F	SP	LT		GENERIC	9	0.8	10
EXTRA VALUE*	KING	F	SP	LT	MEN	GENERIC	9	0.8	10
EXTRA VALUE*	KING	F	SP	ULTRA-LT		GENERIC	5	0.5	6
EXTRA VALUE*	KING	NF	SP			GENERIC	21	1.8	23
F&L*	100	F	SP	LT			11	0.9	NT
F&L*	100	F	SP	LT	MEN		11	0.9	NT
F&L*	100	F	SP	ULTRA-LT			6	0.5	NT
F&L*	KING	F	HP	LT			11	0.8	NT
F&L*	KING	F	SP	LT			11	0.8	NT
FOCUS*	100	F	SP	FF		GENERIC	15	1.2	15
FOCUS*	100	F	SP	FF	MEN	GENERIC	15	1.2	15
FOCUS*	100	F	SP	LT		GENERIC	9	0.8	10
FOCUS*	100	F	SP	LT	MEN	GENERIC	9	0.8	10
FOCUS*	100	F	SP	ULTRA-LT		GENERIC	5	0.5	6
FOCUS*	KING	F	SP	FF		GENERIC	14	1.2	15
FOCUS*	KING	F	SP	FF	MEN	GENERIC	14	1.2	15
FOCUS*	KING	F	SP	LT		GENERIC	9	0.8	10

BRAND-NAME	D E S C R I P T I O N					TAR	NIC	CO	
FOCUS*	KING	F	SP	LT	MEN	GENERIC	9	0.8	10
FOCUS*	KING	F	SP	ULTRA-LT		GENERIC	5	0.5	6
FOCUS*	KING	NF	SP			GENERIC	21	1.8	23
GENCO*	100	F	SP				16	1.1	NT
GENCO*	100	F	SP	FF	MEN		16	1.1	NT
GENCO*	100	F	SP	LT			11	0.9	NT
GENCO*	100	F	SP	LT	MEN		11	0.9	NT
GENCO*	100	F	SP	ULTRA-LT			6	0.5	NT
GENCO*	KING	F	SP				16	1.2	NT
GENCO*	KING	F	SP	FF	MEN		16	1.1	NT
GENCO*	KING	F	SP	LT			11	0.8	NT
GENCO*	KING	F	SP	LT	MEN		11	0.8	NT
GENCO*	KING	F	SP	ULTRA-LT			6	0.5	NT
GENCO*	KING	NF	SP				24	1.6	NT
GENERIC*	100	F	SP	FF			17	1.0	14
GENERIC*	100	F	SP	FF	MEN		17	1.0	14
GENERIC*	100	F	SP	LT			12	1.0	11
GENERIC*	100	F	SP	LT	MEN		12	1.0	11
GENERIC*	100	F	SP	ULTRA-LT			6	0.7	5
GENERIC*	KING	F	HP	LT			11	1.0	11
GENERIC*	KING	F	SP	FF			16	1.0	13
GENERIC*	KING	F	SP	FF	MEN		16	1.0	13
GENERIC*	KING	F	SP	LT			11	1.0	11
GENERIC*	KING	F	SP	LT	MEN		11	1.0	11
GENERIC*	KING	F	SP	ULTRA-LT			6	0.7	5
GENERIC*	KING	NF	SP				16	1.0	13
GPA*	100	F	SP				16	1.1	NT
GPA*	100	F	SP	FF	MEN		16	1.1	NT
GPA*	100	F	SP	LT			11	0.9	NT
GPA*	100	F	SP	LT	MEN		11	0.9	NT
GPA*	100	F	SP	ULTRA-LT			6	0.5	NT
GPA*	KING	F	SP				16	1.2	NT
GPA*	KING	F	SP	FF	MEN		16	1.1	NT
GPA*	KING	F	SP	LT			11	0.8	NT
GPA*	KING	F	SP	LT	MEN		11	0.8	NT
GPA*	KING	F	SP	ULTRA-LT			6	0.5	NT
GPA*	KING	NF	SP				24	1.6	NT
GPC APPROVED	100	F	SP	FF			16	1.0	16
GPC APPROVED	100	F	SP	FF	MEN		14	0.9	15
GPC APPROVED	100	F	SP	LT		LONG	11	0.8	12
GPC APPROVED	100	F	SP	LT	MEN		9	0.7	9
GPC APPROVED	100	F	SP	ULTRA-LT			6	0.5	7
GPC APPROVED	KING	F	HP	FF			16	0.9	14
GPC APPROVED	KING	F	HP	LT			10	0.7	11
GPC APPROVED	KING	F	SP	FF			17	1.0	15
GPC APPROVED	KING	F	SP	FF	MEN		16	1.0	14
GPC APPROVED	KING	F	SP	LT			10	0.7	11

BRAND-NAME	D E S C R I P T I O N					TAR	NIC	CO
GPC APPROVED	KING	F	SP	LT	MEN	9	0.7	9
GPC APPROVED	KING	F	SP	ULTRA-LT		6	0.4	7
GPC APPROVED	REG	NF	SP	PLAIN		25	1.3	17
GPC APPROVED*	100	F	HP	FF		16	1.0	16
GPC APPROVED*	100	F	HP	LT		12	0.8	13
GRIDLOCK*	100	F	SP	FF		16	1.1	NT
GRIDLOCK*	100	F	SP	LT		11	0.9	NT
GRIDLOCK*	100	F	SP	ULTRA-LT		6	0.5	NT
GRIDLOCK*	KING	F	SP	FF		16	1.2	NT
GRIDLOCK*	KING	NF	SP			24	1.6	NT
HARLEY DAVIDSON	KING	F	SP	LOW		10	0.8	11
HARLEY DAVIDSON	KING	F	SP	LT		8	0.7	10
HARLEY DAVIDSON*	KING	F	HP	FF		15	1.0	15
HARLEY DAVIDSON*	KING	F	SP	LT		8	0.9	10
HERBERT TAREYTON	KING	NF	SP			26	1.7	17
HERITAGE	100	F	SP	LT		11	0.9	13
HERITAGE	KING	F	SP	LT		11	0.9	12
HI-LITE	100	F	HP			13	1.0	13
HIGHWAY*	100	F	SP	FF	GENERIC	15	1.2	15
HIGHWAY*	100	F	SP	LT	GENERIC	9	0.8	10
HIGHWAY*	100	F	SP	LT	MEN	9	0.8	10
HIGHWAY*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
HIGHWAY*	KING	F	SP	FF	GENERIC	14	1.2	15
HIGHWAY*	KING	F	SP	LT	GENERIC	9	0.8	10
HIGHWAY*	KING	F	SP	LT	MEN	9	0.8	10
HIGHWAY*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
HIGHWAY*	KING	NF	SP		GENERIC	21	1.8	23
HORIZON	100	F	SP	LT		11	0.8	12
HORIZON	100	F	SP	LT	MEN	12	0.8	12
HORIZON	KING	F	SP	LT		11	0.8	11
HORIZON	KING	F	SP	LT	MEN	10	0.8	11
JACKS*	100	F	SP	FF	GENERIC	15	1.2	15
JACKS*	100	F	SP	LT	GENERIC	9	0.8	10
JACKS*	100	F	SP	LT	MEN	9	0.8	10
JACKS*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
JACKS*	KING	F	SP	FF	GENERIC	14	1.2	15
JACKS*	KING	F	SP	LT	GENERIC	9	0.8	10
JACKS*	KING	F	SP	LT	MEN	9	0.8	10
JACKS*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
JACKS*	KING	NF	SP		GENERIC	21	1.8	23
KENT	100	F	HP		III	4	0.4	6
KENT	100	F	SP			13	1.0	13
KENT	100	F	SP		MEN	13	1.0	13
KENT	100	F	SP	ULTRA-LT	III	5	0.5	6
KENT	KING	F	HP			12	0.9	12
KENT	KING	F	SP			12	0.9	13
KENT	KING	F	SP	ULTRA-LT	III	4	0.4	4

BRAND-NAME	DESCRIPTION					TAR	NIC	CO
KENT GOLDEN LIGHTS	100	F	HP	LT		8	0.7	9
KENT GOLDEN LIGHTS	100	F	SP	LT		9	0.8	10
KENT GOLDEN LIGHTS	100	F	SP	LT	MEN	8	0.8	9
KENT GOLDEN LIGHTS	KING	F	HP	LT		8	0.7	9
KENT GOLDEN LIGHTS	KING	F	SP	LT		8	0.7	10
KENT GOLDEN LIGHTS	KING	F	SP	LT	MEN	8	0.7	10
KOOL	100	F	SP	MILD	MEN	11	0.8	12
KOOL	100	F	SP	SUPER	MEN	16	1.1	16
KOOL	100	F	SP	LT	MEN	8	0.6	9
KOOL	100	F	SP	ULTRA-LT	MEN	5	0.4	5
KOOL	70	NF	SP		MEN	20	1.2	13
KOOL	KING	F	HP		MEN	15	1.0	15
KOOL	KING	F	HP	MILD	MEN	11	0.8	11
KOOL	KING	F	SP		MEN	17	1.1	16
KOOL	KING	F	SP	LT	MEN	8	0.6	8
KOOL	KING	F	SP	MILD	MEN	11	0.8	11
KOOL	KING	F	SP	ULTRA-LT	MEN	2	0.2	2
KOOL*	100	F	HP		MEN	5	0.5	6
KOOL*	100	F	HP	LT	MEN	10	0.8	10
KOOL*	100	F	SP	LT	MEN	8	0.7	9
KOOL*	100	F	SP	ULTRA-LT	MEN	6	0.5	6
KOOL*	KING	F	HP		MEN	11	0.8	11
KOOL*	KING	F	HP		MEN	6	0.6	7
KOOL*	KING	F	HP	LT	MEN	9	0.8	9
KOOL*	KING	F	SP		MEN	11	0.8	11
KOOL*	KING	F	SP	LT	MEN	9	0.7	8
KOOL*	KING	F	SP	ULTRA-LT	MEN	5	0.5	6
L AND M	100	F	SP	LONG		7	0.7	6
L AND M	100	F	SP	SUPER	KING	11	0.9	11
L AND M	KING	F	HP			13	0.9	12
L AND M	KING	F	SP			13	0.9	12
L AND M*	100	F	SP		10-PK	11	1.0	9
L AND M*	100	F	SP	FF	10-PK	14	1.0	13
L AND M*	100	F	SP	ULTRA-LT	10-PK	6	1.0	5
LARK	100	F	SP	EX-LONG		14	1.1	14
LARK	100	F	SP	LT		12	1.0	11
LARK	KING	F	SP			15	1.1	13
LARK	KING	F	SP	LT		11	0.8	10
LARK*	KING	F	HP	FF		16	1.0	14
LARK*	KING	F	HP	LT		13	1.0	9
LUCKY STRIKE	100	F	SP			14	1.1	13
LUCKY STRIKE	100	F	SP	LT		9	0.8	10
LUCKY STRIKE	KING	F	SP	FF		13	1.0	13
LUCKY STRIKE	KING	F	SP	LT		8	0.7	9
LUCKY STRIKE	REG	NF	SP			26	1.7	17
LUCKY STRIKE GREEN*	100	F	SP	FF		14	1.1	14

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BRAND-NAME	DESCRIPTION				TAR	NIC	CO
LUCKY STRIKE GREEN*	KING	F	SP	FF	14	1.1	14
LUCKY STRIKE*	KING	F	HP		13	1.0	13
MAGNA	KING	F	HP		14	1.0	14
MAGNA	KING	F	HP	LT	11	0.8	11
MAGNA	KING	F	SP		15	1.1	14
MAGNA	KING	F	SP	LT	11	0.8	11
MALIBU	100	F	SP	FF	16	1.2	14
MALIBU	100	F	SP	LT	9	0.8	11
MALIBU	100	F	SP	LT	11	0.9	11
MALIBU	100	F	SP	ULTRA-LT	6	0.5	8
MALIBU	KING	F	SP	FF	16	1.2	13
MALIBU	KING	F	SP	FF	16	1.2	14
MALIBU	KING	F	SP	LT	9	0.7	9
MARKER*	100	F	SP	FF	GENERIC	15	1.2
MARKER*	100	F	SP	LT	GENERIC	9	0.8
MARKER*	100	F	SP	LT	GENERIC	9	0.8
MARKER*	100	F	SP	ULTRA-LT	GENERIC	5	0.5
MARKER*	KING	F	SP	FF	GENERIC	14	1.2
MARKER*	KING	F	SP	LT	GENERIC	9	0.8
MARKER*	KING	F	SP	LT	GENERIC	9	0.8
MARKER*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5
MARKER*	KING	NF	SP		GENERIC	21	1.8
MARLBORO	100	F	HP		15	1.1	15
MARLBORO	100	F	HP	LT	10	0.8	11
MARLBORO	100	F	HP	LT	9	0.7	10
MARLBORO	100	F	HP	ULTRA-LT	6	0.5	7
MARLBORO	100	F	SP		16	1.1	14
MARLBORO	100	F	SP	LT	11	0.8	11
MARLBORO	KING	F	HP		16	1.1	13
MARLBORO	KING	F	SP		10	0.8	11
MARLBORO	KING	F	HP		15	1.0	14
MARLBORO	KING	F	HP	LT	10	0.8	11
MARLBORO	KING	F	HP	LT	10	0.7	10
MARLBORO	KING	F	HP	MED	12	0.8	12
MARLBORO	KING	F	HP	ULTRA-LT	6	0.5	6
MARLBORO	KING	F	SP		15	1.1	13
MARLBORO	KING	F	SP	25-PK	16	1.1	13
MARLBORO	KING	F	SP		15	1.0	15
MARLBORO	KING	F	SP	LT	10	0.8	11
MARLBORO	KING	F	SP	MED	12	0.9	11
MARLBORO*	100	F	HP	MED	13	0.9	13
MARLBORO*	100	F	SP	MED	13	1.0	12
MAX	120	F	SP		16	1.3	16
MAX	120	F	SP		16	1.3	16
MERIT	100	F	HP	ULTRA-LT	6	0.5	6
MERIT	100	F	SP		9	0.7	10
MERIT	100	F	SP		9	0.7	10

error

BRAND-NAME	D E S C R I P T I O N				TAR	NIC	CO	
MERIT	100	F	SP	ULTRA-LT	6	0.5	7	
MERIT	100	F	SP	ULTRA-LT MEN	6	0.5	7	
MERIT	KING	F	HP		8	0.6	9	
MERIT	KING	F	HP	ULTRA-LT	5	0.5	6	
MERIT	KING	F	SP		8	0.6	9	
MERIT	KING	F	SP	MEN	8	0.6	9	
MERIT	KING	F	SP	ULTRA-LT	5	0.4	5	
MERIT	KING	F	SP	ULTRA-LT MEN	5	0.4	5	
MERIT*	100	F	HP	ULTIMA	2	0.2	5	
MERIT*	100	F	SP	ULTIMA	2	0.2	5	
MERIT*	KING	F	HP	ULTIMA	1	0.1	3	
MERIT*	KING	F	SP	ULTIMA	1	0.1	3	
MISTY SLIMS	100	F	HP	LT	8	0.7	8	
MISTY SLIMS	100	F	HP	LT MEN	9	0.7	8	
MISTY SLIMS*	100	F	HP	FF	15	1.1	14	
MISTY SLIMS*	100	F	HP	FF MEN	15	1.1	14	
MISTY SLIMS*	100	F	HP	ULTRA-LT	6	0.5	6	
MISTY SLIMS*	100	F	HP	ULTRA-LT MEN	6	0.5	5	
MISTY SLIMS*	120	F	HP	LT	13	1.1	12	
MISTY SLIMS*	120	F	HP	LT MEN	13	1.1	12	
MONARCH*	100	F	SP	FF	GENERIC	15	1.2	15
MONARCH*	100	F	SP	FF MEN	10-PK	15	1.2	15
MONARCH*	100	F	SP	LT	GENERIC	9	0.8	10
MONARCH*	100	F	SP	LT MEN	GENERIC	9	0.8	10
MONARCH*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
MONARCH*	KING	F	SP	FF	GENERIC	14	1.2	15
MONARCH*	KING	F	SP	FF MEN	GENERIC	14	1.2	15
MONARCH*	KING	F	SP	LT	GENERIC	9	0.8	10
MONARCH*	KING	F	SP	LT MEN	GENERIC	9	0.8	10
MONARCH*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
MONARCH*	KING	NF	SP	GENERIC	21	1.8	23	
MONEY*	KING	F	SP	LT MEN	11	0.8	NT	
MONTCLAIR	100	F	SP	FF	16	1.2	15	
MONTCLAIR	100	F	SP	LT	12	1.0	13	
MONTCLAIR	100	F	SP	LT MEN	12	0.9	12	
MONTCLAIR	100	F	SP	ULTRA-LT	6	0.5	8	
MONTCLAIR	KING	F	SP	FF	16	1.2	14	
MONTCLAIR	KING	F	SP	LT	11	0.9	11	
MONTCLAIR	KING	F	SP	LT MEN	11	0.9	11	
MONTCLAIR*	100	F	SP	FF MEN	16	1.2	15	
MONTCLAIR*	KING	F	SP	ULTRA-LT	6	0.6	8	
MORE	100	F	HP	LT	9	0.8	9	
MORE	100	F	HP	LT MEN	9	0.7	9	
MORE	120	F	SP		16	1.2	19	
MORE	120	F	SP	MEN	16	1.3	19	
MORE	120	F	SP	LT	11	0.9	16	
MORE	120	F	SP	LT WHITE	12	0.9	16	

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BRAND-NAME	DESCRIPTION					TAR	NIC	CO
MORE	120	F	SP	LT	MEN	12	1.0	17
MORE	120	F	SP	LT	MEN	13	1.0	17
NEWPORT	100	F	HP		MEN	19	1.5	19
NEWPORT	100	F	HP	LT	MEN	8	0.7	9
NEWPORT	100	F	SP		MEN	18	1.4	17
NEWPORT	100	F	SP		MEN	19	1.5	18
NEWPORT	100	F	SP		MEN	19	1.4	18
NEWPORT	100	F	SP	LT	MEN	8	0.8	9
NEWPORT	KING	F	HP		MEN	16	1.2	15
NEWPORT	KING	F	HP	LT	MEN	9	0.7	11
NEWPORT	KING	F	SP		MEN	18	1.3	17
NEWPORT	KING	F	SP		MEN	18	1.3	16
NEWPORT	KING	F	SP		MEN	18	1.3	17
NEWPORT	KING	F	SP	LT	MEN	9	0.7	11
NEWPORT STRIPE	100	F	HP		MEN	11	0.9	14
NEWPORT STRIPE	100	F	HP	LT		11	0.9	13
NEWPORT STRIPE	100	F	HP	LT	MEN	9	0.7	11
NEWPORT*	100	F	HP	LT	MEN	10	0.8	11
NO FRILLS*	100	F	SP	FF		16	1.1	NT
NO FRILLS*	100	F	SP	LT		11	0.9	NT
NO FRILLS*	100	F	SP	LT	MEN	11	0.9	NT
NO FRILLS*	100	F	SP	ULTRA-LT		6	0.5	NT
NO FRILLS*	KING	F	SP	FF		16	1.2	NT
NO FRILLS*	KING	F	SP	LT		11	0.8	NT
NO FRILLS*	KING	F	SP	LT	MEN	11	0.8	NT
NO FRILLS*	KING	F	SP	ULTRA-LT		6	0.5	NT
NOW	100	F	HP			<0.5	<0.05	<0.5
NOW	100	F	SP			2	0.2	3
NOW	100	F	SP		MEN	2	0.2	3
NOW	KING	F	HP			<0.5	<0.05	<0.5
NOW	KING	F	SP			1	0.1	2
NOW	KING	F	SP		MEN	1	0.1	2
OLD GOLD	100	F	SP			18	1.4	18
OLD GOLD	100	F	SP	LT		12	0.9	14
OLD GOLD	KING	F	SP			18	1.3	17
OLD GOLD	KING	F	SP	LT		8	0.7	10
OLD GOLD	KING	NF	SP	STR		27	1.8	19
OLD GOLD*	100	F	SP	LOW		18	1.4	18
OLD GOLD*	100	F	SP	LT-		12	0.9	14
OLD GOLD*	KING	F	SP	LOW		18	1.3	17
OLD GOLD*	KING	F	SP	LT-		8	0.7	10
PALL MALL	100	F	SP			15	1.2	14
PALL MALL	100	F	SP	FF	RED	16	1.2	15
PALL MALL	100	F	SP	LT		9	0.8	11
PALL MALL	KING	F	SP	FF	RED	16	1.2	13
PALL MALL	KING	NF	SP			26	1.8	16
PARLIAMENT	100	F	SP	LT		12	0.9	12

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BRAND-NAME	DESCRIPTION					TAR	NIC	CO
PARLIAMENT	KING	F	HP	LT		8	0.7	9
PARLIAMENT	KING	F	SP	LT		9	0.7	9
PHILIP MORRIS	100	F	HP		INTL	16	1.1	15
PHILIP MORRIS	100	F	HP		MEN INTL	16	1.1	14
PHILIP MORRIS	KING	NF	SP		COMM	27	1.7	16
PHILIP MORRIS	REG	NF	SP		COMM	21	1.3	13
PICAYUNE	REG	NF	SP			16	1.0	12
PILOT*	100	F	SP	FF	GENERIC	15	1.2	15
PILOT*	100	F	SP	LT	GENERIC	9	0.8	10
PILOT*	100	F	SP	LT	MEN GENERIC	9	0.8	10
PILOT*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
PILOT*	KING	F	SP	FF	GENERIC	14	1.2	15
PILOT*	KING	F	SP	LT	GENERIC	9	0.8	10
PILOT*	KING	F	SP	LT	MEN GENERIC	9	0.8	10
PILOT*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
PILOT*	KING	NF	SP		GENERIC	21	1.8	23
PLAYERS	100	F	HP			14	1.0	12
PLAYERS	100	F	HP		MEN	13	1.0	12
PLAYERS	100	F	SP	LT 25-PK		11	0.8	13
PLAYERS	100	F	SP	LT 25-PK	MEN	11	0.8	13
PLAYERS	KING	F	HP			12	0.8	11
PLAYERS	KING	F	HP		MEN	11	0.8	11
PLAYERS	KING	F	SP	LT 25-PK		10	0.7	10
PLAYERS	KING	F	SP	LT 25-PK	MEN	10	0.7	10
PLAYERS	REG	NF	HP			24	1.6	14
PREMIUM BUY*	100	F	SP	FF		16	1.1	NT
PREMIUM BUY*	100	F	SP	LT		11	0.9	NT
PREMIUM BUY*	100	F	SP	LT	MEN	11	0.9	NT
PREMIUM BUY*	100	F	SP	ULTRA-LT		6	0.5	NT
PREMIUM BUY*	KING	F	SP	FF		16	1.2	NT
PREMIUM BUY*	KING	F	SP	LT		11	0.8	NT
PREMIUM BUY*	KING	F	SP	LT	MEN	11	0.8	NT
PREMIUM BUY*	KING	F	SP	ULTRA-LT		6	0.5	NT
PREMIUM BUY*	KING	NF	SP			24	1.6	NT
PRICE MASTER*	100	F	SP	FF	GENERIC	15	1.2	15
PRICE MASTER*	100	F	SP	FF	MEN GENERIC	15	1.2	15
PRICE MASTER*	100	F	SP	LT	GENERIC	9	0.8	10
PRICE MASTER*	100	F	SP	LT	MEN GENERIC	9	0.8	10
PRICE MASTER*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
PRICE MASTER*	KING	F	HP	FF	GENERIC	14	1.2	15
PRICE MASTER*	KING	F	HP	LT	GENERIC	9	0.8	10
PRICE MASTER*	KING	F	SP	FF	GENERIC	14	1.2	15
PRICE MASTER*	KING	F	SP	FF	MEN GENERIC	14	1.2	15
PRICE MASTER*	KING	F	SP	LT	GENERIC	9	0.8	10
PRICE MASTER*	KING	F	SP	LT	MEN GENERIC	9	0.8	10
PRICE MASTER*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
PRICE MASTER*	KING	NF	SP		GENERIC	21	1.8	23

BRAND-NAME	DESCRIPTION				TAR	NIC	CO
PRIME*	100	F	SP	FF	15	1.1	17
PRIME*	100	F	SP	FF	15	1.1	17
PRIME*	100	F	SP	LT	10	0.8	12
PRIME*	100	F	SP	LT	12	0.9	14
PRIME*	100	F	SP	ULTRA-LT	6	0.6	9
PRIME*	KING	F	HP	FF	14	1.0	13
PRIME*	KING	F	HP	LT	10	0.8	11
PRIME*	KING	F	SP	FF	15	1.1	14
PRIME*	KING	F	SP	FF	15	1.1	14
PRIME*	KING	F	SP	LT	10	0.8	11
PRIME*	KING	F	SP	LT	12	0.9	13
PRIME*	KING	NF	SP		24	1.6	17
PRIVATE STOCK*	100	F	SP	FF	15	1.1	16
PRIVATE STOCK*	100	F	SP	FF	15	1.1	17
PRIVATE STOCK*	100	F	SP	LT	10	0.8	12
PRIVATE STOCK*	100	F	SP	LT	12	0.9	14
PRIVATE STOCK*	100	F	SP	ULTRA-LT	6	0.6	9
PRIVATE STOCK*	KING	F	HP	FF	14	1.0	12
PRIVATE STOCK*	KING	F	HP	LT	10	0.8	11
PRIVATE STOCK*	KING	F	SP	FF	15	1.1	13
PRIVATE STOCK*	KING	F	SP	FF	15	1.1	14
PRIVATE STOCK*	KING	F	SP	LT	10	0.8	10
PRIVATE STOCK*	KING	F	SP	LT	12	0.9	13
PRIVATE STOCK*	KING	NF	SP		24	1.6	17
PYRAMID	100	F	SP	LT	11	1.0	11
PYRAMID	100	F	SP	FF	15	1.2	15
PYRAMID	100	F	SP	ULTRA-LT	5	1.0	5
PYRAMID	100	F	SP	FF	15	1.2	14
PYRAMID	100	F	SP	LT	10	0.9	11
PYRAMID	KING	F	SP	FF	14	1.0	13
PYRAMID	KING	F	SP	LT	10	0.8	11
PYRAMID	KING	NF	SP		22	1.4	14
QUALITY SMOKES*	100	F	SP	FF	15	1.2	15
QUALITY SMOKES*	100	F	SP	LT	9	0.8	10
QUALITY SMOKES*	100	F	SP	LT	9	0.8	10
QUALITY SMOKES*	100	F	SP	ULTRA-LT	5	0.5	6
QUALITY SMOKES*	KING	F	SP	FF	14	1.2	15
QUALITY SMOKES*	KING	F	SP	LT	9	0.8	10
QUALITY SMOKES*	KING	F	SP	LT	9	0.8	10
QUALITY SMOKES*	KING	NF	SP		21	1.8	23
QUALITY SMOKES*	KING	F	SP	ULTRA-LT	5	0.5	6
RALEIGH	100	F	SP		15	0.9	15
RALEIGH	100	F	SP	LT	12	0.9	14
RALEIGH	70	NF	SP		23	1.3	15
RALEIGH	KING	F	SP		15	0.9	13
RALEIGH	KING	F	SP	LT	11	0.8	12
RALEIGH EXTRA	100	F	SP		15	0.9	16

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BRAND-NAME	DESCRIPTION					TAR	NIC	CO
RALEIGH EXTRA	100	F	SP	LT		12	0.8	14
RALEIGH EXTRA	100	F	SP	LT	MEN	9	0.7	9
RALEIGH EXTRA	100	F	SP	ULTRA-LT		6	0.5	7
RALEIGH EXTRA	KING	F	SP			16	1.0	15
RALEIGH EXTRA	KING	F	SP	LT		10	0.7	11
RALEIGH EXTRA	KING	F	SP	LT	MEN	9	0.7	10
RALEIGH EXTRA	KING	F	SP	ULTRA-LT		6	0.4	7
RALEIGH EXTRA	KING	NF	SP			25	1.4	17
RICHLAND	100	F	SP			17	1.2	15
RICHLAND	100	F	SP		MEN	16	1.1	15
RICHLAND	100	F	SP	25		17	1.2	16
RICHLAND	100	F	SP	LT		12	0.9	14
RICHLAND	KING	F	SP			16	1.1	14
RICHLAND	KING	F	SP		MEN	15	1.0	14
RICHLAND	KING	F	SP	25	MEN	16	1.0	15
RICHLAND*	100	F	HP			17	1.2	NT
RICHLAND*	KING	F	HP			17	1.1	NT
RICHLAND	KING	F	SP	LT		12	0.9	12
RICHLAND*	KING	F	SP	LT	MEN	12	0.9	12
RITZ*	100	F	HP			9	0.8	10
RITZ*	100	F	HP		MEN	11	0.8	11
RIVIERA*	100	F	HP	FF	MEN	17	1.2	17
RIVIERA*	100	F	SP	FF	MEN	17	1.2	18
RIVIERA*	100	F	SP	LT	MEN	12	1.0	12
RIVIERA*	KING	F	HP	FF	MEN	17	1.2	16
RIVIERA*	KING	F	SP	FF	MEN	17	1.2	14
RIVIERA*	KING	F	SP	LT	MEN	12	1.0	12
SALEM	100	F	HP	LT	MEN	11	0.8	11
SALEM	100	F	HP	LT	MEN	9	0.7	9
SALEM	100	F	SP		MEN	16	1.2	17
SALEM	100	F	SP	LT	MEN	8	0.7	11
SALEM	100	F	SP	ULTRA-LT	MEN	5	0.5	8
SALEM	KING	F	HP		MEN	16	1.2	15
SALEM	KING	F	SP		MEN	17	1.2	19
SALEM	KING	F	SP	LT	MEN	10	0.7	13
SALEM	KING	F	SP	ULTRA-LT	MEN	5	0.4	6
SARATOGA	120	F	HP			15	1.1	14
SARATOGA	120	F	HP		MEN	14	1.1	13
SATIN	100	F	SP			11	0.9	12
SATIN	100	F	SP		MEN	11	0.9	12
SAVANNAH*	100	F	HP	LT		8	0.7	8
SAVANNAH*	100	F	HP	LT	MEN	8	0.6	8
SAVVY*	100	F	SP			10	1.0	11
SAVVY*	100	F	SP			5	1.0	5
SCOTCH BUY*	100	F	SP	FF		15	1.2	15
SCOTCH BUY*	100	F	SP	LT		9	0.8	10
SCOTCH BUY*	100	F	SP	LT	MEN	9	0.8	10

BRAND-NAME	DESCRIPTION					TAR	NIC	CO
SCOTCH BUY*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
SCOTCH BUY*	KING	F	SP	FF	GENERIC	14	1.2	15
SCOTCH BUY*	KING	F	SP	LT	GENERIC	9	0.8	10
SCOTCH BUY*	KING	F	SP	LT	MEN	9	0.8	10
SCOTCH BUY*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
SEBRING*	100	F	SP	FF	GENERIC	15	1.2	15
SEBRING*	100	F	SP	FF	MEN	15	1.2	15
SEBRING*	100	F	SP	LT	GENERIC	9	0.8	10
SEBRING*	100	F	SP	LT	MEN	9	0.8	10
SEBRING*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
SEBRING*	KING	F	SP	FF	GENERIC	14	1.2	15
SEBRING*	KING	F	SP	FF	MEN	14	1.2	15
SEBRING*	KING	F	SP	LT	GENERIC	9	0.8	10
SEBRING*	KING	F	SP	LT	MEN	9	0.8	10
SEBRING*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
SEBRING*	KING	NF	SP		GENERIC	21	1.8	23
SILVA THINS	100	F	HP	FF		12	1.0	11
SILVA THINS	100	F	HP	FF	MEN	12	0.9	11
SPRING	100	F	SP		MEN	19	1.5	18
SPRING	100	F	SP	LT	MEN-LMN	11	0.9	13
SPRING	KING	F	SP	LT	MEN-LMN	9	0.7	10
STERLING	100	F	HP	LT	SLIM	8	0.7	10
STERLING	100	F	HP	LT	MEN	8	0.7	9
STERLING	100	F	SP			16	1.1	18
STERLING	100	F	SP		MEN	15	1.1	16
STERLING	100	F	SP	LT		10	0.8	11
STERLING	100	F	SP	LT	MEN	9	0.8	10
STERLING	100	F	SP	ULTRA-LT		4	0.4	6
STERLING	100	F	SP	ULTRA-LT	MEN	4	0.4	6
STERLING	KING	F	SP	FF		14	1.0	14
STERLING	KING	F	SP	FF	MEN	14	1.0	14
STERLING	KING	F	SP	LT		9	0.7	11
STERLING	KING	F	SP	LT	MEN	10	0.8	11
STYLE	100	F	HP	LT		11	0.9	13
STYLE	100	F	HP	LT	MEN	11	0.9	13
STYLE	100	F	HP	LT	MEN	10	0.8	10
STYLE	100	F	HP	LT	SLIM	9	0.8	10
STYLE	100	F	SP	LT		12	0.9	14
STYLE	100	F	SP	LT	MEN	12	0.9	14
STYLE ULTRA*	100	F	HP	LT		4	0.4	5
SUNDANCE*	100	F	SP	FF	GENERIC	15	1.2	15
SUNDANCE*	100	F	SP	FF	MEN	15	1.2	15
SUNDANCE*	100	F	SP	LT	GENERIC	9	0.8	10
SUNDANCE*	100	F	SP	LT	MEN	9	0.8	10
SUNDANCE*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
SUNDANCE*	KING	F	HP	FF	GENERIC	14	1.2	15
SUNDANCE*	KING	F	HP	LT	GENERIC	9	0.8	10

BRAND-NAME	DESCRIPTION					TAR	NIC	CO	
SUNDANCE*	KING	F	SP	FF		GENERIC	14	1.2	15
SUNDANCE*	KING	F	SP	FF	MEN	GENERIC	14	1.2	15
SUNDANCE*	KING	F	SP	LT		GENERIC	9	0.8	10
SUNDANCE*	KING	F	SP	LT	MEN	GENERIC	9	0.8	10
SUNDANCE*	KING	F	SP	ULTRA-LT		GENERIC	5	0.5	6
SUNDANCE*	KING	NF	SP			GENERIC	21	1.8	23
TALL	120	F	SP	FF			18	1.5	19
TALL	120	F	SP	FF	MEN		17	1.4	16
TAREYTON	100	F	SP				14	1.0	17
TAREYTON	100	F	SP	LT			8	0.7	9
TAREYTON	KING	F	SP				14	1.0	15
TAREYTON	KING	F	SP	LT			5	0.5	6
TOP CHOICE*	100	F	SP	FF			16	1.1	NT
TOP CHOICE*	100	F	SP	FF	MEN		16	1.1	NT
TOP CHOICE*	100	F	SP	LT			11	0.9	NT
TOP CHOICE*	100	F	SP	LT	MEN		11	0.9	NT
TOP CHOICE*	100	F	SP	ULTRA-LT			6	0.5	NT
TOP CHOICE*	KING	F	SP	FF			16	1.2	NT
TOP CHOICE*	KING	F	SP	LT			11	0.8	NT
TOP CHOICE*	KING	F	SP	LT	MEN		11	0.8	NT
TOP CHOICE*	KING	F	SP	ULTRA-LT			6	0.5	NT
TOP CHOICE*	KING	NF	SP				24	1.6	NT
TRI-BRAND*	100	F	SP	FF		GENERIC	15	1.2	15
TRI-BRAND*	100	F	SP	LT		GENERIC	9	0.8	10
TRI-BRAND*	100	F	SP	LT	MEN	GENERIC	9	0.8	10
TRI-BRAND*	100	F	SP	ULTRA-LT		GENERIC	5	0.5	6
TRI-BRAND*	KING	F	HP	LT		GENERIC	9	0.8	10
TRI-BRAND*	KING	F	SP	FF		GENERIC	14	1.2	15
TRI-BRAND*	KING	F	SP	LT		GENERIC	9	0.8	10
TRI-BRAND*	KING	F	SP	LT	MEN	GENERIC	9	0.8	10
TRI-BRAND*	KING	F	SP	ULTRA-LT		GENERIC	5	0.5	6
TRI-BRAND*	KING	NF	SP			GENERIC	21	1.8	23
TRIUMPH	100	F	SP				4	0.4	5
TRIUMPH	100	F	SP		MEN		4	0.4	5
TRIUMPH	KING	F	SP				3	0.3	4
TRIUMPH	KING	F	SP		MEN		4	0.4	5
TRUE	100	F	HP				6	0.6	7
TRUE	100	F	SP				6	0.6	7
TRUE	100	F	SP		MEN		6	0.6	6
TRUE	KING	F	HP				4	0.4	5
TRUE	KING	F	SP				4	0.4	5
TRUE	KING	F	SP		MEN		4	0.4	5
VALUE & QUALITY*	100	F	SP	FF		GENERIC	15	1.2	15
VALUE & QUALITY*	100	F	SP	LT		GENERIC	9	0.8	10
VALUE & QUALITY*	100	F	SP	LT	MEN	GENERIC	9	0.8	10
VALUE & QUALITY*	100	F	SP	ULTRA-LT		GENERIC	5	0.5	6
VALUE & QUALITY*	KING	F	SP	FF		GENERIC	14	1.2	15

BRAND-NAME	DESCRIPTION					TAR	NIC	CO
VALUE & QUALITY*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE & QUALITY*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE & QUALITY*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
VALUE & QUALITY*	KING	NF	SP		GENERIC	21	1.8	23
VALUE BUY*	100	F	SP	FF	GENERIC	15	1.2	15
VALUE BUY*	100	F	SP	LT	GENERIC	9	0.8	10
VALUE BUY*	100	F	SP	LT	GENERIC	9	0.8	10
VALUE BUY*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
VALUE BUY*	KING	F	SP	FF	GENERIC	14	1.2	15
VALUE BUY*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE BUY*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE BUY*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
VALUE PRIDE*	100	F	SP	FF	GENERIC	15	1.2	15
VALUE PRIDE*	100	F	SP	FF	GENERIC	15	1.2	15
VALUE PRIDE*	100	F	SP	LT	GENERIC	9	0.8	10
VALUE PRIDE*	100	F	SP	LT	GENERIC	9	0.8	10
VALUE PRIDE*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
VALUE PRIDE*	KING	F	HP	FF	GENERIC	14	1.2	15
VALUE PRIDE*	KING	F	HP	LT	GENERIC	9	0.8	10
VALUE PRIDE*	KING	F	SP	FF	GENERIC	14	1.2	15
VALUE PRIDE*	KING	F	SP	FF	GENERIC	14	1.2	15
VALUE PRIDE*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE PRIDE*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE PRIDE*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
VALUE PRIDE*	KING	NF	SP		GENERIC	21	1.8	23
VALUE SENSE*	100	F	SP	FF	GENERIC	15	1.2	15
VALUE SENSE*	100	F	SP	FF	GENERIC	15	1.2	15
VALUE SENSE*	100	F	SP	LT	GENERIC	9	0.8	10
VALUE SENSE*	100	F	SP	LT	GENERIC	9	0.8	10
VALUE SENSE*	100	F	SP	ULTRA-LT	GENERIC	5	0.5	6
VALUE SENSE*	KING	F	SP	FF	GENERIC	14	1.2	15
VALUE SENSE*	KING	F	SP	FF	GENERIC	14	1.2	15
VALUE SENSE*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE SENSE*	KING	F	SP	LT	GENERIC	9	0.8	10
VALUE SENSE*	KING	F	SP	ULTRA-LT	GENERIC	5	0.5	6
VALUE SENSE*	KING	NF	SP		GENERIC	21	1.8	23
VANTAGE	100	F	SP			8	0.6	8
VANTAGE	100	F	SP			8	0.6	11
VANTAGE	100	F	SP	ULTRA-LT		5	0.5	8
VANTAGE	KING	F	SP			8	0.6	9
VANTAGE	KING	F	SP			8	0.6	10
VANTAGE	KING	F	SP	ULTRA-LT		5	0.5	8
VANTAGE*	100	F	HP	ULTRA-LT		5	0.4	8
VANTAGE*	KING	F	HP	ULTRA-LT		5	0.5	8
VICEROY	100	F	HP	SUPER		16	1.1	14
VICEROY	100	F	HP	LT		12	0.8	13
VICEROY	100	F	SP	SUPER		17	1.2	15

BRAND-NAME	DESCRIPTION						TAR	NIC	CO
VICEROY	100	F	SP	LT			12	0.9	14
VICEROY	KING	F	HP				16	1.1	14
VICEROY	KING	F	HP	LT			11	0.8	11
VICEROY	KING	F	SP				16	1.1	14
VICEROY	KING	F	SP	LT			11	0.8	12
VICEROY*	100	F	SP				6	0.5	6
VICEROY*	KING	F	SP				6	0.5	6
VIRGINIA SLIMS	100	F	HP	SUPER		SLIM	6	0.5	6
VIRGINIA SLIMS	100	F	HP	SUPER	MEN	SLIM	7	0.6	7
VIRGINIA SLIMS	100	F	HP	LT		SLIM	8	0.7	8
VIRGINIA SLIMS	100	F	HP	LT	MEN	SLIM	8	0.7	8
VIRGINIA SLIMS	100	F	HP	ULTRA-LT		SLIM	6	0.5	6
VIRGINIA SLIMS	100	F	HP	ULTRA-LT	MEN	SLIM	6	0.5	6
VIRGINIA SLIMS	100	F	SP			SLIM	15	1.1	12
VIRGINIA SLIMS	100	F	SP		MEN	SLIM	15	1.1	12
VIRGINIA SLIMS	120	F	HP	LT		SLIM	14	1.0	13
VIRGINIA SLIMS	120	F	HP	LT	MEN	SLIM	14	1.0	13
VIRGINIA SLIMS*	100	F	HP	SUPER		SLIM	15	1.1	NT
VIRGINIA SLIMS*	100	F	HP	LT		SLIM	9	0.6	NT
VIRGINIA SLIMS*	100	F	HP	LT	MEN	SLIM	10	0.7	NT
VIRGINIA SLIMS*	100	F	HP	LT	MEN	SLIM	15	1.0	NT
WINSTON	100	F	HP	LT			9	0.7	10
WINSTON	100	F	HP	ULTRA-LT			5	0.5	7
WINSTON	100	F	SP				17	1.1	16
WINSTON	100	F	SP	ULTRA-LT			4	0.4	6
WINSTON	100	F	SP	LT			10	0.8	12
WINSTON	KING	F	HP				17	1.2	17
WINSTON	KING	F	HP	LT			9	0.7	11
WINSTON	KING	F	HP	ULTRA-LT			5	0.5	7
WINSTON	KING	F	SP				17	1.4	13
WINSTON	KING	F	SP	LT			9	0.7	10
WINSTON	KING	F	SP	ULTRA-LT			6	0.6	8
WINSTON SELECT*	KING	F	HP				16	1.3	14
WINSTON SELECT*	KING	F	SP				16	1.3	14
WORTH*	100	F	SP	FF		GENERIC	15	1.2	15
WORTH*	100	F	SP	LT		GENERIC	9	0.8	10
WORTH*	100	F	SP	LT	MEN	GENERIC	9	0.8	10
WORTH*	100	F	SP	ULTRA=LT		GENERIC	5	0.5	6
WORTH*	KING	F	SP	FF		GENERIC	14	1.2	15
WORTH*	KING	F	SP	LT		GENERIC	9	0.8	10
WORTH*	KING	F	SP	LT	MEN	GENERIC	9	0.8	10
WORTH*	KING	F	SP	ULTRA-LT		GENERIC	5	0.5	6

\* New brands, generic brands, or brands not widely available in the marketplace-data supplied by the company.

< = (less than) below the sensitivity of the testing method.

Description: F = Filter; NF = Non-Filter; MEN = Menthol; HP = Hard Pack;  
SP = Soft Pack; REG = Regular (70mm); K = King Size (80-85mm)  
100 and 120 are in millimeters per cigarette; LT = Light;  
FLA = Flavor; DLX = Deluxe; FF = Full Flavor; 10, 25, or 30 =  
Number of cigarettes per pack if other than 20.

TAR: Total particulate matter in milligrams per cigarette less nicotine and water.

NIC: Total alkaloids reported as milligrams of nicotine per cigarette.

CO: Carbon monoxide reported in milligrams per cigarette. "NT" entered where CO was not available.

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